LAND APPLICATION SITE E L LEWIS SITE LUELL 1-17 LUNENBURG COUNTY

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D. MINICIPAL FEFLUENT AND BIOSOLIDS

| F(| ORM D: MUNICIPAL EFF | LUENT AND BIOSOLID | 5 |
|--|--|--|---|
| PART D-VI: LAND APP | LICATION AGREEMENT - | BIOSOLIDS AND INDUST | RIAL RESIDUALS |
| individual parcels identified | eement is made on 7-6-1 Recyc Systems, Inc , referminated in writing by either parties of a sale of one or more parce in this agreement changes, the live biosolids or industrial resid | se parcels for which ownershi | + +: -: -: - : - : - : - : - : - : |
| Landowner: The Landowner is the owner the agricultural, silvicultural attached as Exhibit A. | er of record of the real property or reclamation sites identified t | located in LUNENBURG (| Oli me ray mab(a) |
| Table 1.: Parcels aut | horized to receive biosolids, wa | iter treatment residuals or othe | r industrial studges |
| Tax Parcel ID | Tax Parcel ID | Tax Parcel ID | Tax Parcel ID |
| TM 11 (A) , P35 TM 11 (A) , P 37 | en et i sen i la fille e e e e e | | |
| | | | |
| - | | | |
| Additional parcels containing Lan- | d Application Sites are identified on Su | ipplement A (check if applicable) | |
| In the event that the Landov within 38 months of the late 1. Notify the purchase later than the date 2. Notify the Permittee | e Landowner is one of multiple wner sells or transfers all or parest date of biosolids application or transferee of the applicable of the property transfer, and se of the sale within two weeks f | rt of the property to which blose, the Landowner shall: e public access and crop mana ollowing property transfer. | olids have been applied |
| notify the Permittee immeditor application or any part of incorrect. | er agreements for land applicat iately if conditions change such if this agreement becomes inva- | i that the fields are no longer a ilid or the information herein co | ontained becomes |
| agricultural sites identified a inspections on the land idea purpose of determining con | | indowner also grants permission after land application of permit iments applicable to such applicable to suc | ted residuals for the ication. industrial sludges |
| Edward L Lec Landowner - Printed Name, Tille | els Edwal 2 | Mailing A | enbay Ja 2394 Address & Phone Number 96-2455 |
| manner authorized by the VPA | Permittee, agrees to apply biosolic A Permit Regulation and in amount oplication field by a person certified | ds and/or industrial residuals on the | e Landowner's land in the d in the nutrient management |
| The Permittee agrees to notify specifically prior to any particu | the Landowner or the Landowner ilar application to the Landowner's | 's designee of the proposed sched land. Notice shall include the sou | dule for land application and irce of residuals to be applied. |
| ☐ I reviewed the document(s) document(s) available to DEQ | assigning signatory authority to the for review upon request. (Do not o | e person signing for landowner ab theck this box if the landowner signs th | love. I will make a copy of this lis agreement) |

Permittee – Authorized Representative Printed Name Signature

PO Box 562 Remington, Virginia 22734

Mailing Address

| Permitte | se: Recyc Systems, Inc | County or City: | LUNENBURG | Co. |
|------------|--|--|---|---|
| Landow | ner: Edward L. LEWIS | and the second s | | er State (A. 1920) State (A. 1920) |
| | | | a the Middle of the second of | er e |
| Landov | vner Site Management Requirements: | e jeljeggelijk byl ja og sa Kyrol oktyratija se speje | an ne alimat e de la cida. Na especial de la cida | ing and the first of the second se |
| t, the Lan | downer. I have received a DEQ Biosolids Fact She in of biosolids, the components of biosolids and pro- | et that includes infor oper handling and lar | mation regarding regulation of biosol | lations governing the land |
| identified | to been expressly advised by the Permittee that the below must be complied with after blosolids have I responsible for the implementation of these practice. | peen applied on my r | equirements and site a property in order to pro | coess restrictions tect public health, and |
| | implement the following site management practice at the site: | s at each site under | my ownership followin | g the land application of |
| bio | offication Signs: I will not remove any signs posted asolids land application site, unless requested by the mpleted. | by the Permittee for e Permittee, until at | the purpose of identificant 30 days after lan | ring my field as a d application at that site is |
| 2. Pu | blic Access | | | |
| | Public access to land with a high potential for any application of biosolids. | r public exposure sh | all be restricted for at I | east one year following |
| | b. Public access to land with a low potential for application of biosolids. No biosolids amend same period of time unless adequate provision. c. Turf grown on land where biosolids are application the harvested turf is placed on either life otherwise specified by DEQ. | led soil shall be exca ons are made to pre led shall not be harve | vated or removed from vent public exposure to ested for one year after | n the site during this p soil, dusts or aerosols; r application of biosolids |
| 3. Cro | op Restrictions: | ritaria (n. 1866) 18. april 18. april | gamena aga Asia in A Notasia | · 学··································· |
| | a. Food crops with harvested parts that touch to not be harvested for 14 months after the application of biosolids when the biosolids remaining prior to incorporation into the soil. c. Food crops with harvested parts below the side biosolids remain on the land surface for a tind. d. Other food crops and fiber crops shall not be | olication of biosoilds. unface of the land shimain on the land suited and shimain on the land shimain of the land shime period of less that | all not be harvested fo face for a time period all not be harvested fo i four (4) months prior | r 20 months after the of four (4) or more r 38 months when the to incorporation. |
| | e. Feed crops shall not be harvested for 30 cay animals). | s after the application | n of biosolids (60 days | if fed to lactating dairy |
| 4. Liv | estock Access Restrictions: | | | aderica e vila e dia |
| 7. 61 | Following biosolids application to pasture or having. Meat producing livestock shall not be grazed b. Lactating dairy animals shall not be grazed for. Other animals shall be restricted from grazing | for 30 days, or a minimum of 60 c | lays. | |
| ap | pplemental commercial fertilizer or manure applica plications such that the total crop needs for nutrien veloped by a person certified in accordance with § | s are not exceeded | s identified in the nutr | |
| yea | bacco, because it has been shown to accumulate our following the application of biosolids or industrial unds/acre (0.5 kilograms/hectare). | | | |
| Edy | and I have | | 7-6- | 13 |
| Lar | ndowner's Signature | | Date | |
| | A transfer of state of the stat | eret di Cina de La companya di Cina di La companya di Cina di | | |
| | Same | | | |
| Far | rm Operator Signature | | ailing Address & Phone N | lumher |

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

| PART D-VI: I AND APPI | LICATION A | AGREEMENT | - BIOSOLIDS | AND INDUSTRIAL | RESIDUALS |
|-----------------------|------------|-----------|-------------|----------------|-----------|

| PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS | | | | | |
|---|---|--|--|--|---|
| A This land application agreement is made on 7-6-13 between CIRRENCE LEWIS referred to here as "Landowner", and Recyc Systems, Inc., referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement. | | | | | |
| Landowner: The Landowner is the the agricultural, silvicu attached as Exhibit A. | owner of record | of the real proper | rty located in ໄບມອນ § <i>ບ</i> d below in Table 1 and | △ ← C ø Virginia, which identified on the tax map | includes o(s) |
| Table 1.: Parce | is authorized to r | eceive biosolids, | water treatment residua | ls or other industrial sluc | iges |
| Tax Parcel ID | <u>Ta</u> | x Parcel ID | Tax Parcel ID | Tax Parc | el ID |
| TM4(A), P1 | | | No. 1, may april, adeas | | |
| TM 4(A) 192 | II-A | - 24A | - 1 | | |
| | | | | | |
| | | A SHADON SE | | | |
| | | | | | |
| Additional parcels containly | ng Land Application | Sites are identified on | Supplement A (check if applic | able) | |
| Check one: | The Landown | er is the sole own er is one of multip | er of the properties identity owners of the proper | tified herein. lies identified herein. | |
| 1. Notify the purple later than the 2. Notify the Per The Landowner has motify the Permittee in for application or any incorrect. The Landowner herebagricultural sites identified inspections on the landowner purpose of determining Class B biosolids Yes No | chaser or transfer date of the proper date of the proper of the sale of this agreed of this agreed of this agreed of the sale | ree of the applicaterty transfer; and within two week into for land applications change sument becomes in Exhibit A. The e, before, during the regulatory requires to the property of the suments of the property of the prope | s following property tran cation on the fields ident ich that the fields are no valid or the information. tee to land apply residua Landowner also grants | rop management restrict sfer. ified herein. The Landov longer available to the foundation of the foundation of the foundation of the foundation of the foundation for DEQ staff of permitted residuals for the foundation for DEQ staff of the foundation for th | vner will Permittee es the to conduct or the |
| LARENCE LE | WIS | Laure | L Clauri | GREEN BAY | , VA 23742 |
| Permittee: Recyc Systems, Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia | | | | | |
| The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied. | | | | | |
| ☐ I reviewed the document(s) available to | ent(s) assigning si DEQ for review u | gnatory authority to pon request. (Do no | the person signing for land at check this box if the landow | downer above. I will make ner signs this agreement) | a copy of this |
| Permittee – Authorized R | epresentative | Signature | PO Box 562 | Remington, Virginia Mailing Address | 22734 |

Page 1 of 2

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

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| Permi | _ | | yc Systei | | | County or | City: | LUNENBURG CO |
|-----------|----------------------|--|--|--|--|--|---|---|
| Lando | wner | CLAC | ENCE | LEW | 5 | | | निक्ष क्ष विकास स्थापना स्थापना । । । । । । । । । । । । । । । । । । । |
| • | | | | | | | 4:55 | |
| Land | owne | r Site N | lanagen | ient Requ | irements | | | |
| i, the La | andowi | ner, I hav biosolids | e received , the comp | a DEQ Bios onents of bk | olids Fact S solids and | sheet that include proper handling | es infor and lar | mation regarding regulations governing the la |
| identifie | ed belo | w must b | e complied | | losolids hav | e been applied o | | equirements and site access restrictions property in order to protect public health, and |
| | | lement the site; | e following | | | ices at each site | | my ownership following the land application of |
| t | | ls land a | | t remove an | y signs post | ed by the Permi | ttee for | the purpose of identifying my field as a least 30 days after land application at that site |
| 2 | | any applica applica same property for the first same for the first sam | olication of access to it tion of bios eriod of tin own on land the harveste | biosolids. and with a lo ollids. No bi ne unless ad d where bios | w potential osolids ame lequate prov solids are ap | for public exposi inded soll shall b visions are made polled shall not b | ure sha le exca lto pre le harve | all be restricted for at least one year following a lit be restricted for at least 30 days following a valed or removed from the site during this vent public exposure to soil, dusts or aerosois sited for one year after application of biosoild tital for public exposure or a lawn, unless |
| 3. | a. b. c. d. | not be Food co applica months Food co biosolid Other fi | ops with heavested to ops with his ion of bios prior to income on the contract of the contract | or 14 month arvested bar olids when i corporation i arvested bar in the land s and fiber cro | s after the a its below the he blosolids no the soil, its below the orace for a ps shall not | ipplication of blo is surface of the l remain on the l a surface of the l time period of le be harvested fo | solids. and su and su and sh as than 30 da | ure and are totally above the land surface sha all not be harvested for 20 months after the face for a time period of four (4) or more all not be harvested for 38 months when the l'four (4) months prior to incorporation, ys after the application of biosolids; n of biosolids (60 days if fed to lactating dairy |
| 4. l | Fol | lowing bi Meat pr Lactatir | oducing living dairy an | plication to prestock shall lmals shall n | not be graze | ayland sites red for 30 days, d for a minimum zing for 30 days; | of 60 c | lays |
| . а | applicat | ions suc | n that the t | otal crop nei | eds for nutri | | eeded a | ited with the biosolids and industrial residuals as identified in the nutrient management plan de of Virginia: |
| y | years fo | ollowing t | he applical | | | | | be grown on the Landowner's land for three ar cadmium equal to or exceeding 0.45 |
| G | Pas. Landow | mer;s Sig | • | w | | | | |
| | - · · · · · · | 22.42.4 | ionalure | | | | | ailing Address & Phone Number |

Rev 9/14/2012 Page 2 of 2

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

| | and the second s | Existe v Same more than the |
|---|--|---|
| A. This land application agreement is made on | eferred to here as the "Pe party or, with respect to the sels, until ownership of all hose parcels for which ov | ermittee". This agreement nose parcels that are retained by parcels changes. If ownership of wnership has changed will no |
| longer be authorized to receive biosolids or industrial res | iduals under this agreem | ent. |
| Landowner: The Landowner is the owner of record of the real propert the agricultural, silvicultural or reclamation sites identified attached as Exhibit A. | iy located in Lower Boe d below in Table 1 and ide | Virginia, which includes entified on the tax map(s) |
| Table 1.: Parcels authorized to receive biosolids, v | vater treatment residuals | or other industrial sludges |
| Tax Parcel ID Tax Parcel ID | Tax Parcel ID | Tax Parcel ID |
| TMYCH PI WARE A HAR COMMENT OF THE COMMENT | | |
| TM4(A), PZ | | |
| TO 11 (A) , P 24 | | A PARTY OF |
| | got the term of the Market Co. With the | |
| | | |
| Additional parcels containing Land Application Sites are identified on | Supplement A (check if applicat | ole) |
| Check one: The Landowner is the sole owner. The Landowner is one of multiple | er of the properties identif | ied herein. |
| In the event that the Landowner sells or transfers all or p within 38 months of the latest date of biosolids application. 1. Notify the purchaser or transferee of the application later than the date of the property transfer; and 2. Notify the Permittee of the sale within two weeks. | n, the Landowner shall: ple public access and cro following property transf | p management restrictions no er. |
| The Landowner has no other agreements for land application notify the Permittee immediately if conditions change surfor application or any part of this agreement becomes intincorrect. | ch that the fields are no lo | nger available to the Permittee |
| The Landowner hereby grants permission to the Permitte agricultural sites identified above and in Exhibit A. The Linspections on the land identified above, before, during opurpose of determining compliance with regulatory requirements. | andowner also grants pe or after land application of | mission for DEQ staff to conduct permitted residuals for the |
| Class B biosolids Water treatment residuals Fo 图 Yes □ No 图 Yes □ No | od processing waste Yes □ No | Other industrial studges Yes No 13 63 Bethel Church |
| Shirkley E.Lewis Shirley Landowner - Printed Name, Title Signature | E. Lewis | Marling Address & Prione Number 434 - 696 - 178 |
| Permittee: <u>Recyc Systems, Inc.</u> , the Permittee, agrees to apply biosc manner authorized by the VPA Permit Regulation and in amount plan prepared for each land application field by a person certification. | lids and/or industrial residuants not to exceed the rates in | Is on the Landowner's land in the dentified in the nutrient management |
| The Permittee agrees to notify the Landowner or the Landowner specifically prior to any particular application to the Landowner | er's designee of the propose s land. Notice shall include | d schedule for land application and the source of residuals to be applied |
| ☐ I reviewed the document(s) assigning signatory authority to t document(s) available to DEQ for review upon request. (Do not | the person signing for landor check this box if the landowner | wner above. I will make a copy of this signs this agreement) |
| Bruilso | | Remington, Virginia 22734 |
| Permittee – Authorized Representative Signature | | Mailing Address |

Page 1 to: 2

| Dermittee: | Recyc Systems, Inc | County or City: | LUNENSOPG | Cc. |
|------------------------------------|--|--|--|---|
| _ | a second | | and the state of | |
| Landowner | SHIRLEY E. LEWIS | | | |
| Landowne | r Site Management Requiremen | ts: +e 1,474 | | |
| i, the Landow application of | ner, I have received a DEQ Biosolids Fac biosolids, the components of biosolids an | t Sheet that includes info d proper handling and la | rmation regarding regula nd application of biosolid | tions governing the la s. |
| identified belo | een expressly advised by the Permittee those must be complied with after biosolids hoorsible for the implementation of these pro- | ave been applied on my (| equirements and site according to prote | cess restrictions ect public health, and |
| l agree to imp biosolids at th | olement the following site management properties | actices at each site under | my ownership following | the land application o |
| Netifica biosolic comple | ation Signs: I will not remove any signs po ds land application site, unless requested ated. | osted by the Permittee for by the Permittee, until at | r the purpose of identifying least 30 days after land | ng my field as a a application at that site |
| a Dublic | Access | | п | |
| 2. Püblic. a. | Public access to land with a high poten | tial for public exposure st | nall be restricted for at le | ast one year following |
| | any application of biosolids. Public access to land with a low potentiapplication of biosolids. No biosolids as same period of time unless adequate particular grown on land where biosolids are when the harvested turf is placed on eli | al for public exposure sho mended soil shall be exco rovisions are made to pre applied shall not be harv | ell be restricted for at leasy availed or removed from exent public exposure to ested for one year after | st 30 days following a the site during this soil, dusts or aerosols application of biosolids |
| | otherwise specified by DEQ. | i destre in destriction (in File). File (Village) in All March (Village). | or Disk Till Edit verkeling i Salah. Disk Till State City aller 1974 and | en e |
| a. b. c. | application of biosolids when the biosol months prior to incorporation into the se Food crops with harvested parts below biosolids remain on the land surface for | e application of biosolids the surface of the land stids remain on the land suit. The surface of the land strains a time period of less that to the harvested for 30 days. | nall not be harvested for iface for a time period or half not be harvested for in four (4) months prior to ave after the application (| 20 months after the four (4) or more 38 months when the incorporation. |
| 4. Livesto Fo a. b. c. | Lactating dairy animals shall not be gra | razed for 30 days, zed for a minimum of 60 | days. | e de trajectorio de Originale de la composição de la composição Originale de la composição |
| apolica | emental commercial fertilizer or manure apations such that the total crop needs for nuped by a person certified in accordance w | trients are not exceeded | as identified in the nutrie | nd industrial residuals ant management plan |
| years f | co, because it has been shown to accumulately the application of biosolids or inconstante (0.5 kilograms/hectare). | ilate cadmium, should no lustrial residuals which be | t be grown on the Lando ear cadmium equal to or | wner's land for three exceeding 0.45 |
| Landov | wner's Signature | | Date | |
| | | | | |
| | 2 | | Initian Address 9 Dhns - 41 | and no |
| Farm C | Operator Signature | | Mailing Address & Phone No | nuoer |

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

| PART D-VI: | LAND | APPLICATION | ACDEEMENS | - B10001150 | AND INDUSTRIAL | |
|------------|------|--------------|------------|-------------|----------------|----------|
| | | AND PLOMITOR | ACKEENIENI | - BIOSOLIDS | | DECIDALA |

| the Landowner in the individual parcels ide longer be authorized Landowner: The Landowner is the the agricultural, silvict attached as Exhibit A. Table 1:: Parce | event of a sale of one or montified in this agreement char to receive biosolids or indust owner of record of the real pultural or reclamation sites id | petween to here as the either party or, with respective parcels, until ownership nages, those parcels for which it is residuals under this agreement of the entified below in Table 1 are | HUDA B. JULIAN referred a "Permittee". This agreement to those parcels that are retained all parcels changes. If ownership has changed will reement. SURG A. Virginia, which included identified on the tax map(s) wals or other industrial sludges | ed to ned by irship of no |
|--|--|---|--|------------------------------------|
| Tax Parcel ID | Tax Parcel ID | <u>Tax Parcel !</u> | D Tax Parcel ID | |
| TM11(A), 824 | The state of the s | | | |
| | A Company of the Control of the Cont | ير يريسي م عمد سند ، بير ب مد مدمسم | | - |
| | | | | |
| Additional parcels contains | a land Audi and Audi | | | |
| Check one: | g Land Application Sites are identif | ied on Supplement A (check if app | olicable) | |
| | The Landowner is the sole The Landowner is one of r | owner of the properties ide multiple owners of the prope | entified herein erties identified herein | |
| 1. Notify the purchater than the call 2. Notify the Pern The Landowner has no cotify the Permittee important application or any preserved. | haser or transferee of the ap late of the property transfer; hittee of the sale within two v other agreements for land a neciately if conditions chang art of this agreement become | incation, the Landowner shall plicable public access and and veeks following property tra application on the fields iden are such that the fields are not be invalid or the information | crop management restrictions r nsfer. httfled herein. The Landowner w o longer available to the Permin herein contained becomes | te |
| respections on the and surpose of determining Class B biosolids Very Per □ No □ No □ LINUA B - Ju | dentified above, before, dur compliance with regulatory relater treatment residuals. The DNo | rne Landowner also grants grants grants grants application requirements applicable to grants grants. Food processing waste Side Yes Side No | Other industrial siugges Yes DNO L JII Hightower FL | |
| Landowner - Printed Name, | Title Signature | D. Station | Mailing Address & Phone Number | 3942 |
| Permittee: | | | 434-696-3642 | |
| The Permittee agrees to no school cally prior to any part of the telephone document. | I application field by a person of the Landoviner or the Landoviner or the Landoviner application to the Landoviner applicatio | entified in accordance with <u>800</u> owner's designee of the propo ther's land. Notice shall includ | sed schedule for land application a letine source of residuals to be app | nen: na |
| Que la | 00 | 5 0 5 | _ | |
| Prop. 1994 Burns | servature Signature | PU Box 562 | Remington, Virginia 22734 Mailing Address | |
| Finded 149 | · - | | | |

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| Permittee: Recyc Systems, Inc | County or City: LUNENBURG CO. |
|---|--|
| Landowner: LINDA B: JULIAN | |
| Landowner Site Management Requirements: | |
| the Landowner, I have received a DEQ Biosolids Fact Stapplication of biosolids, the components of biosolids and p | heet that includes information regarding regulations governing the land proper handling and land application of biosolids. |
| and also been everesely advised by the Permittee that I | he site management requirements and site access restrictions be been applied on my property in order to protect public health, and |
| biosolids at the site. | ces at each site under my ownership following the land application of |
| Notification Signs: I will not remove any signs poste biosolids land application site, unless requested by completed. | ed by the Permittee for the purpose of identifying my field as a the Permittee, until at least 30 days after land application at that site is |
| any application of biosolids. b. Public access to land with a low potential tapplication of biosolids. No biosolids ame same period of time unless adequate provening and land where biosolids are an | for public exposure shall be restricted for at least one year following for public exposure shall be restricted for at least 30 days following any inded soil shall be excavated or removed from the site during this risions are made to prevent public exposure to soil, dusts or aerosois: plied shall not be harvested for one year after application of biosolids in land with a high potential for public exposure or a lawn, unless |
| not be harvested for 14 months after the a b. Food crops with harvested parts below the application of biosolids when the biosolids months prior to incorporation into the soil, 5. Food crops with harvested parts below the biosolids remain on the land surface for a | e surface of the land shall not be harvested for 20 months after the remain on the land surface for a time period of four (4) or more |
| Livestock Access Restrictions: Following biosolids application to pasture or had a. Meat producing livestock shall not be graze b. Lactating dairy animals shall not be graze c. Other animals shall be restricted from gra | ted for 30 days. d for a minimum of 60 days. |
| 5 Supplemental commercial fertilizer or manure appl applications such that the total crop needs for nutri developed by a person certified in accordance with | ications will be coordinated with the biosolids and industrial residuals ents are not exceeded as identified in the nutrient management plan §10.1-194.2 of the Code of Virginia: |
| Tanaga (bacquee it has been shown to accumula) | te cadmium, should not be grown on the Landowner's land for three striel residuals which bear cadmium equal to or exceeding 0.45 |
| Landowner's Signature | 7/6/13 Date |
| 23.00 | |
| Farm Operator Signature | Mailing Address & Phone Number |

FARM DATA SHEET

| SITE NAME: | E. L. Lewis | COMMITY: | Lunenburg |
|------------------------|--------------|--------------------------|-----------------------------------|
| OWNER | See Attached | OPERATOR R | Edward L. Lewis |
| OWNERS | See attached | OPERATOR'S | 1154 Kings Road |
| ADDRESSS | | ADDRESSS | Green Bay, VA 23942 |
| OWNER'S TELEPHONISE | | OPERATOR'S TELEPHONEE | 434-696-2455 |
| GENERAL FARM Type: | Hay/Pastiure | CEIL PHONE: | 434-480-9873 |
| # CANTILEE | 40+ | EMAIL: | |
| LAGOON or SLUARRYY | None | LATIMUDE/ | 1-3 3⁄7° 02′ 57″ 78° 15′ 41″ |
| TOPO QUIAD: | Meherriin | | 4-14 387° 02′ 52″ 78° 16′ 49″ |
| COTMIM ENITS | | | 15-17 377° 05′ 53″ 78° 16′ 59″ |
| | | | |
| | | , | |
| | | | |
| | | | - |

E L LEWIS SITE

LUNENBURG COUNTY

OWNERS LIST

EDWARD L. LEWIS

TM11(A), P35 & 37

1154 KINGS ROAD

GREEN BAY, VA 23942

434-696-2455

CLARENCE LEWIS

TM4(A),P1 & 2

1363 BETHEL CHURCH ROAD

GREEN BAY, VA 23942

434-696-1781

SHIRLEY LEWIS

TM4(A),P1 & 2

1363 BETHEL CHURCH ROAD TM11(A),P24

GREEN BAY, VA 23942

434-696-1781

LINDA JULIAN

TM11(A),P24

311 HIGH TOWER ROAD

GREEN BAY, VA 23942

434-696-3642

Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A Land Application Agreement-Biosolids and Industrial Residuals from original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

| Permittee: <u>Recyc Systems</u> | s, Inc. Site Name: E.L. Lewis |
|--------------------------------------|-------------------------------------|
| County or City: <u>Lunenburg Co.</u> | · |
| Please Print | Signature not required on this page |
| Tax Parcel ID(s) | Landowners (s) |
| TM4(A), P1&2 | Clarence & Shirley Lewis |
| TM11(A), P24 | Shirley Lewis & Linda Julian |
| TM11(A), P35 & 37 | Edward Lee Lewis |
| | |
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RECYC SYSTEMS, INC FIELD DATA SHEET

| Field | Gross | Enviro | onmentally Se | nsitive Soil | s | | Tax | FSA |
|----------------|--------------|---------------|---------------------|--------------|---------------|--------------|-------------|------------------------|
| Identification | Acres | Water Table | Bed Rock/Shallow | Surf/Leach | Freq Flood | Hydro Map | Map# | Tract # |
| LUELL 1 | 18 .8 | - | _ | - | - | CU02 | TM11(A),P37 | T15984 Fields 4,5,6 |
| LUELL 2 | 2.6 | <u>-</u> | - | _ | - | CU02 | TM11(A),P37 | T15984 Field 8 |
| LUELL 3 | 23.6 | - | - | - | - | CU02 | TM11(A),P37 | T15984 Field 0 |
| LUELL 4 | 20.9 | - | - | - | - | CU01 | TM11(A),P35 | T15984B Field 1 |
| LUELL 5 | 5.6 | <u>-</u> | | - | - | CU01 | TM11(A),P24 | T Tower |
| LUELL 6 | 9.2 | <u>-</u> | - | - | - | CU01 | TM11(A),P24 | T Tower |
| LUELL 7 | 3.0 | - | - | - | <i>.</i> - | CU01 | TM11(A),P24 | T Tower |
| LUELL 8 | 14.2 | - | - | _ | - | CU01 | TM11(A),P24 | T Tower |
| LUELL 9 | 12 .0 | 6(Nov-Apr) | - | - | 6(Nov-Apr) | CU01 | TM11(A),P24 | T Tower |
| LUELL110 | 9.1 | 10C2(Jan-Apr) | - | - | - | CU01 | TM11(A),P24 | T Tower |
| LUELL111 | 17.9 | <u>-</u> | - | - | • | CU01 | TM11(A),P24 | T Tower |
| LUELL112 | 13.2 | | - | - | <u>-</u> | CU01 | TM11(A),P24 | T Tower Field 12 |
| LUELL113 | 6.4 | _ | - | - | | CU01 | TM11(A),P24 | T Tower Field 13 |
| d . | _SF | | | | | | | |

RECYC SYSTEMS, INC FIELD DATA SHEET

| Field | Gross | Envi | ronmentally Se | nsitive Soils | - | | Tax | FSA |
|------------------------|-------|-------------|---------------------|---------------|---------------|--------------|-------------|-------------------------|
| Identification | Acres | Water Table | Bed Rock/Shallow | Surf/Leach | Freq Flood | Hydro Map | Map# | Tract# |
| LUELL114 | 3.3 | - | 2E | - | <u>-</u> | CU01 | TM11(A),P24 | T Tower |
| LUELL115 | 4.7 | - | | _ | - | CU01 | TM4(A),P1 | T1066 Fields 0,4 |
| LUELL116 | 14.4 | - | - | - | - | CU01 | TM4(A),P1 | T1066 Fields 2,3,4,5 |
| LUELL117 | 5.4 | <u>-</u> | - | - | - | CU01 | TM4(A),P1 | T1066 Field 1 |
| | | | | | | | | |
| | | | | | | | | |
| TOTAL ASSESSMENT | | | | | | | | |
| TOTAL ACRES IN SITE | 184.3 | | | | | | | |

Page 1 of 8

Report Number: 13-150-0501 **Account Number: 70594**



A&L Eastem Laboratories

7621 Whitepine Road Richmond, Virginia 23237 (804) 743-8401 Fax (804) 271-6446

Send To: RECYC SYSTEMS INC

SUSAN TRUMBO 8455 WHITESHOP RD **CULPEPER VA 22701**

Grower:

Submitted By: J B CRENSHAW

LEWIS/LUELL **LUNENBURG**

Farm ID:

SOIL ANALYSIS REPORT

Analytical Method(s):

| Date Received: | 05/30/2013 | | Date Of | Analysis | : 05/31/ | 2013 | Dat | te Of Rep | ort: 06/03/2 | 2013 | | Me | hlich 3 | | | | | |
|----------------|------------|--------------|-------------|--------------|------------|-------------------|--------------|-----------|--------------|----------|------------|------|------------|----------------|---------|-----------------|--------------|----------|
| Sample ID | Lab | Or | ganic Ma | itter | | Phos | phorus | | Potassium | Mage | nesium | C | alcium | Sodium | 1 | pН | Acidity | C.E.C |
| Field ID | Number | % | Rate | ENR Ibs/A | Meh ppm | lich 3 Rate | Reser ppm | | K pm Ra | te ppm | Mg Rate | 1 | Ca Rate | Na ppm Rate | Soil | Buffer Index | | |
| 1 | 08145 | 3.4 | M 11 | 112 | 101 | Н | | 6 | 5 | L 91 | Н | 438 | М | | 5.4 | 6.81 | 1.2 | 4.3 |
| ? | 08146 | 3.8 | M 11 | 118 | 77 | Н | | 6 | 7 | L 134 | Н | 613 | М | | 5.5 | 6.78 | 1.5 | 5.9 |
| | 08147 | 4.4 M | М | 132 | 25 | L | | 89 | 9 (| M 90 | Н | 337 | L | | 5.2 | 6.79 | 1,4 | 4.0 |
| | 08148 | 2.8 | M 10 | 100 | 62 | Н | - | 23 | 3 V | L 102 | Н | 504 | М | | 5.8 | 6.85 | 0.8 | 4.2 |
| | 08149 | 3.0 | M 10 | 101 | 30 | L | | 25 | • v | L 173 | Н | 765 | М | | 6.1 | 6.85 | 0.8 | 6.2 |
| Sample ID | | | se Satur | | N | litrate | Sulfur | Z | inc M | anganese | Ire | on T | Copper | Boron | Soluble | Salts | Chloride | Aluminum |
| Field ID | K M | g C | | | 1 | NO ₃ N | S | ata | Zn | Mn | F | е | Cu | В | 8 | 5 | CI | Al |

| Sample ID | | Perce | nt Base | Saturat | ton | Nit | rate | Sı | lfur | Zi | nc | Mano | janese | 1 | ron | Сор | ner | Bo | ron | Soluble | Salta | Chi | | Alamata |
|-----------|-----|---------|---------|---------|--------|---|--------------------------|-----|-----------|----------|---------------|----------|--------|---|-------------|-------|-------|--------------|-------------|---------------------------------------|---------------|-----|-------------|----------------|
| Field ID | K | Mg % | Ca % | Na % | н % | ppm | O ₃ N Rate | ppm | S Rate | Z ppm | n Rate | | fn. | 1 | Fe | C | J | | В | S | 5 | (| oride CI | Aluminum Al |
| 1 | 3.9 | 17.6 | 50.9 | | 28.6 | | | | | | | | | | | ppiii | 1/016 | hhiii | Rate | ms/cm | Nate | ppm | Rate | ppm |
| 2 | 2.9 | 18.9 | 51.9 | | 25.6 | <u> </u> | | | <u> </u> | | | | | | | | | | <u> </u> | | , | | | - |
| 3 | 5.7 | 18.8 | 42.1 | | 34.5 | <u> </u> | | | | | _ | <u> </u> | | | | | | | | | | | | |
| 4 | 1.4 | 20.2 | 60.0 | | 19.2 | <u> </u> | | I | | | | | | | | | | | | · · · · · · · · · · · · · · · · · · · | | | | |
| 5 | 1.2 | 23.3 | 61.7 | | 13.7 | | | | | | | | | | | | | | | | | | | |

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), tbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by: A&L Eastern Laboratories, Inc.

Page 2 of 8

Report Number: 13-150-0501 **Account Number: 70594**



A&L Eastern Laboratories 7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6445

Send To: RECYC SYSTEMS INC

SUSAN TRUMBO 8455 WHITESHOP RD **CULPEPER VA 22701**

Grower:

LEWIS/LUELL LUNENBURG

Submitted By: J B CRENSHAW

Farm ID:

Date Received: 05/30/2013

Date Of Report: 06/03/2013

SOIL FERTILITY RECOMMENDATIONS

| Sample ID Field ID | Intended Crop | Yield Goal | Lime Tons/A | Nitrogen N Ib/A | Phosphate P ₂ O ₅ Ib/A | Potash K ₂ O Ib/A | Magnesium Mg Ib/A | Sulfur S lb/A | Zinc Zn Ib/A | Manganese Mn lb/A | Iron Fe Ib/A | Copper Cu lb/A | Boron B Ib/A |
|-----------------------|----------------------|------------|----------------|--|--|--|-------------------------|---------------------|--------------------|-------------------------|--------------------|----------------------|--------------------|
| 1 | Adjust phinto 6086.8 | 0 | 1.8 | | | | 0 | | | | | | |
| 2 | Adjust pH-to 6085.8 | 0 | 2.0 | | <u></u> | <u>. </u> | 0 | | | | | | |
| 3 | Adjust p#Hto 6085.8 | 0 | 2.0 | | | . | 0 | | | | • | <u></u> | |
| 4 | Adjust phHo 6066.8 | 0 | 1.5 | | | | 0 | | | | | | |
| 5 | Adjust phHto 65-85.8 | 0 | 1.3 | | | | 0 | | " ! | | | | · |

Comments:

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

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Page 3 of 8

Report Number: 13-150-0501 Account Number: 70594



A&L Eastern Laboratories

7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6446

Send To: RECYC SYSTEMS INC

SUSAN TRUMBO 8455 WHITESHOP RD CULPEPER VA 22701 Grower:

Submitted By: J B CRENSHAW

Farm ID:

LEWIS/LUELL

LUNENBURG

SOIL ANALYSIS REPORT

Analytical Method(s):

Mehlich 3

Date Received: 05/30/2013

Date Of Analysis: 05/31/2013

Date Of Report: 06/03/2013

| Sample ID | Lab | Or | ganic Ma | tter | | Phos | phorus | | Pota | esium | Mag | nesium | Ca | lcium | Sod | ium | | pH | Acidity | C.E.C |
|-----------|--------|-----|-------------|--------------|------------|----------------|--------------|--|------|-----------|-----|------------|-----|------------|--|-------|------------|-----------------|---------------|-------|
| Field ID | Number | % | Rate | ENR Ibs/A | Meh ppm | lich 3 Rate | Resei ppm | | | K Rate | ppm | Mg Rate | L | Ca Rate | N | | Soil pH | Buffer Index | H meq/100g | - |
| 6 | 08150 | 2.8 | M 10 | 101 | 22 | L | | | 60 | | 78 | Н | 312 | L | FF | 7,000 | 5.3 | 6.82 | 1.1 | 3.4 |
| 7 | 08151 | 2.3 | L | 91 | 34 | М | - | | 40 | VL | 68 | Н | 352 | M | <u>. </u> | | 5.3 | 6.82 | 1.1 | 3.5 |
| 8 | 08152 | 3.4 | M 10 | 109 | 22 | L | | | 28 | VL | 151 | Н | 690 | M | | | 5.5 | 6.76 | 1.7 | 6,4 |
| 9 | 08153 | 2.1 | L | 84 | 12 | VL | | | 45 | VL | 143 | Н | 522 | L | <u> </u> | | 5.3 | 6.75 | 1.8 | 5.7 |
| 10 | 08154 | 3.3 | М | 107 | 7 | VL | | | 70 | L | 186 | Н | 589 | L | | | 5.6 | 6.79 | 1.4 | 6.1 |

| Sample ID | | Perce | nt Base | Saturat | ion | Nitra | te | Sı | lfur | Z | inc | Mano | anese | <u> </u> | ron | Cor | Yner | Bo | ron | Soluble | Calta | Chile | | |
|-----------|--------|---------|---------|---------|--------|-----------------|-------------|-----|-----------|----------|-------------|------|-----------|----------|-----------------|-----|-------------|----------|------|--------------|-------|--------------|----------|----------------|
| Field ID | к % | Mg % | Ca % | Na % | н % | NO ₃ | | ppm | S Rate | ppm | Zn | | In | | Fe | С | u | | 3 | S | 3 | 0 | | Aluminum Al |
| 6 | 4.5 | 19.1 | 45.9 | | 31.3 | | | | | PP | 1410 | Ppnt | Nate | ppin | Late | ppm | | ppm | Rate | ms/cm | Rate | ppm | Rate | ppm |
| 7 | 2.9 | 16.2 | 50.3 | | 31.2 | | | | | | | | <u> </u> | <u> </u> | | | | <u> </u> | | | | ····· | | |
| 8 | 1.1 | 19.7 | 53.9 | | 25.9 | | | | | | | | · _ · · · | | · - | | | <u> </u> | | | | - | | |
| 9 | 2.0 | 20.9 | 45.8 | | 30.9 | | | | <u></u> | <u> </u> | | | | | | | · | | | | | | | |
| 10 | 2.9 | 25.4 | 48.3 | | 23.3 | | | | | | | | | | | - | | <u>Ļ</u> | | - | | _ | <u> </u> | |

Values on this report represent the plant available nutrients in the soll. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-minos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by: A&L Eastern Leboratories, Inc.

by: Pauric Me George

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Report Number: 13-150-0501 Account Number: 70594



A&L Eastern Laboratories
7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6446

Send To: RECYC SYSTEMS INC

SUSAN TRUMBO 8455 WHITESHOP RD CULPEPER VA 22701 Grower:

LEWIS/LUELL LUNENBURG Submitted By: J B CRENSHAW

Farm ID:

Date Received: 05/30/2013

Date Of Report: 06/03/2013

SOIL FERTILITY RECOMMENDATIONS

| Sample ID Field ID | Intended Crop | Yield Goal | Lime Tons/A | Nitrogen N Ib/A | Phosphate P ₂ O ₅ Ib/A | Potash K <u>‡</u> O lb/A | Magnesium Mg Ib/A | Sulfur S lb/A | Zinc Zn lb/A | Manganese Mn lb/A | Iron Fe Ib/A | Copper Cu lb/A | Boron B Ib/A |
|-----------------------|------------------|------------|----------------|-----------------------|--|--------------------------------|-------------------------|---------------------|--------------------|-------------------------|--------------------|----------------------|--------------------|
| 6 | Adjust pH to 6.8 | 0 | 1.8 | | | | 2 | | | | <u></u> | | |
| 7 | Adjust pH to 6.8 | 0 | 1.8 | | | | 12 | · | | | | <u> </u> | |
| • | Adjust pH to 6.8 | 0 | 2.0 | | | | 0 | | ·· | | | | <u> </u> |
| 9 | Adjust pH to 6.8 | 0 | 2.3 | | | | 0 | | | | | | |
| 16 | Adjust pH to 6.8 | 0 | 2.0 | | | | 0 | | | | | | |

Comments:

Sample(s): 7 Crop: Adjust pH to 6.8

If dolomitic lime is not used, apply required magnesium with magnesium oxide. Epsom Salts, K-Mag or Sul-PO-Mag.

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

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Paurie Mc George

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Report Number: 13-150-0501 Account Number: 70594



A&L Eastern Laboratories

7621 Whitepine Road Richmond, Virginia 23237 (804) 743-8401 Fex (804) 271-6446

Send To: RECYC SYSTEMS INC

SUSAN TRUMBO 8455 WHITESHOP RD CULPEPER VA 22701 Grower:

Submitted By: J B CRENSHAW

Farm ID:

LEWIS/LUELL LUNENBURG

SOIL ANALYSIS REPORT

Analytical Method(s):

Mehlich 3

Date Received: 05/30/2013

Date Of Analysis: 05/31/2013

3 Date Of Report: 06/03/2013

| Sample ID | Lai | | Or | ganl | c Mat | ter | | Phos | phorus | | Pot | esium | | Magn | esium | С | alcium | Sc | dlum | | рН | Acidity | C.E.C |
|-----------|--------|-----|--------------|-------|-------------|--------------|------------|-----------------------------|-------------|----------------|------------|---------|----------|---------------|---|----------|---------------------------------------|--------------|--------------|-------------|-------------|----------|---------------|
| Field ID | Num | | % | Re | te | ENR Ibs/A | Mei ppm | hlich 3 Rate | ppm ppm | eserve Rate | ppm | K Ra | te p | N | ig Rate | _ | Ca | | Na Rate | Soil pH | Buffer | Н | |
| 11 | 08155 | 5 | 2.8 | Ŋ | A 10 | 102 | 47 | М | | | 34 | | /L 41 | | | 241 | L | ·· | | 5.2 | 6.84 | 0.9 | 2.6 |
| 12 | 08157 | , | 2.6 N | 1 A | A | 97 | 20 | L | | | 49 | | L 94 | 4 | Н | 345 | L | - | | 5.3 | 6.81 | 1.2 | 3.8 |
| 13 | 08158 |) | 2.7 № | 1 1 | 1 | 95 | 5 | VL | | | 42 | | /L 18 | 57 | Н | 555 | L | | : | 5.2 | 6.71 | 2.2 | 6.4 |
| 14 | 08159 |) | 2.8 | N | 1 10 | 101 | 27 | L | | | 47 | | L 93 | 3 | Н | 358 | L | | <u> </u> | 5.4 | 6.82 | 1.1 | * 3.7 |
| 15 | 08160 |) | 2.4 | L | | 90 | 17 | L | | | 33 | ٧ | L 15 | 50 | Н | 772 | M | <u></u> | <u></u> | 6.2 | 6.86 | 0.7 | 5.9 |
| Sample ID | | Pe | rcent B | ase : | Satura | ation | T | Nitrate | Sı | lfur | Zinc | N | ianga | nese | Irc | <u></u> | Copper | | Boron | Soluble | Salta | Chloride | Aluminum |
| Field ID | K % | M: | | Ж. | Na % | н % | | NO ₃ N m Rate | | S Rate p | Zn pm F | | Mr | , | F | | Cu | ate pp | B m Rete | SS ms/cm | 3 | CI | Al |
| 11 | 3.4 | 15 | .7 46 | 5.3 | | 33. | \neg | | | <u> </u> | | | <u> </u> | | T. C. | - | , , , , , , , , , , , , , , , , , , , | | | 111070111 | Mato p | ypm Rate | ppiii |
| 12 | 3.3 | 20 | .6 45 | 5.4 | | 31. | 2 | | | | | | | - | <u> </u> | | | + | | | | | <u> </u> |
| 13 | 1.7 | 20 | .4 43 | 3.4 | | 33. | 9 | | | | | | | | | | | | | <u> </u> | | | - |
| 14 | 3.3 | 20. | .9 48 | 3.4 | | 28. | 7 | | | | | _ | | | <u> </u> | <u></u> | | | | <u> </u> | | | <u> </u> |

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

21.2

65.4

12.2

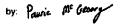
1.4

15

Explanation of symbols: % (percent), ppm (parls per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by: A&L Eastern Laboratories, Inc.



Page 6 of 8

Report Number: 13-150-0501 Account Number: 70594



A&L Eastern Laboratories
7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6446

Send To: RECYC SYSTEMS INC

SUSAN TRUMBO 8455 WHITESHOP RD CULPEPER VA 22701 Grower:

LEWIS/LUELL LUNENBURG Submitted By: J B CRENSHAW

Farm ID:

Date Received: 05/30/2013

Pate Of Report: 06/03/3013 SOL

SOIL FERTILITY REGOMMENDATIONS

| Sample IID Field IID | Intended Coopp | Yield Ghahl | Lime Tons/A | Nitrogen N Ib/A | Phosphate P ₂ O ₅ Ib/A | Potash K _ž O Ib/A | Magnesium Mg ib/A | Sulfur S Ib/A | Zinc Zn Ib/A | Manganese Mn Ib/A | iron Fe Ib/A | Copper Cu Ib/A | Boran B Ib/A |
|-------------------------|------------------------|-------------|----------------|-----------------------|--|------------------------------------|-------------------------|---------------------|--------------------|-------------------------|--------------------|----------------------|--------------------|
| 11 . | Adjust politio 60.86.8 | 0 | 1.8 | | · · · · · · · · · · · · · · · · · · · | - | 31 | | | | | | 10/4 |
| 12 | Adjust pH to 6x86.8 | 0 | 1.8 | | | | 0 | | | | | | |
| 13 | Adjust-ph-to-6o86.8 | 0 | 2.3 | <u> </u> | | , - | 0 | | | | • | | |
| 14 | Adjust phHto 6066.8 | 0 | 1.8 | | | _ | 0 | | | | | • | |
| 15 | Adjust pH-to 6:86.8 | 0 | 1.3 | | | <u> </u> | 0 | | | | | *: | |

Comments:

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

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Paurie Mc George

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Report Number: 13-150-0501 Account Number: 70594



A&L Eastern Laboratories
7621 Whitepine Road Richmond, Virginia 23237 (804) 743-8401 Fax (804) 271-6446

Send To: RECYC SYSTEMS INC

SUSAN TRUMBO 8455 WHITESHOP RD CULPEPER VA 22701 Grower:

Submitted By: J B CRENSHAW

Farm ID:

LEWIS/LUELL LUNENBURG

SOIL ANALYSIS REPORT

Analytical Method(s):

Mehlich 3

Date Received: 05/30/2013

Date Of Analysis: 05/31/2013

Date Of Report: 06/03/2013

| Sample ID | Lab | On | ganic Ma | atter | | Phos | phorus | | Potas | ssium | Mag | nesium | Ca | lcium | So | dium | P | Н | Acidity | C.E.C |
|-----------|--------|-----|----------|--------------|--------------|------|-------------|-------------|-------|-----------|-----|------------|-----|------------|-----|------------|------|-----------------|---------------|----------|
| Field ID | Number | % | Rate | ENR Ibs/A | Mehli ppm | _ | Rese ppm | rve Rate | ppm | K Rate | ppm | Mg Rate | ppm | Ca Rate | ppm | Na Rate | Soll | Buffer Index | H meq/100g | mag/100g |
| 16 | 08162 | 2.6 | М | 92 | 30 | Ļ | | • | 38 | | 171 | Н | 870 | М | | | 6.2 | 6.85 | 0.8 | 6.7 |
| 17 | 08163 | 2.4 | L | 91 | 30 | L | | | 21 | VL | 87 | М | 606 | М | | | 5.5 | 6.80 | 1.3 | 5.1 |

| Sample (D | | Perce | nt Base | Saturati | on | Nitrate | Sul | fur | Zinc | 1 | Manga | anese | In | on | Сор | per | Во | ron | Soluble Salts | Chi | oride | Alun | ninum |
|-----------|--------|---------|---------|----------|--------|-------------------------------|-----------|------|-------------|-------|-------|-------|----------|------|-----|------|-----|------|---------------|-----|-------|------|-------|
| Field ID | К % | Mg % | Ca % | Na % | н % | NO ₃ N ppm Rate | S ppm | Rate | Zn ppm R | ate p | M | - | F ppm | Bata | C | - | | B | SS | , | CI | 7 | Al |
| 16 | 1.5 | 21.3 | 64.9 | | 12.1 | , , , , , , | PP | | ppm ix | ato b | · pin | Nate | ppiir | Kate | ppm | KALE | ppm | Rate | ms/cm Rate | ppm | Rate | , PI | pm |
| 17 | 11 | 14.2 | 59.4 | | 25.9 | | | | | | | | | | | | | | | | | | |

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by: A&L Eastern Laboratories, Inc.

by: Pauric Mc George

Page 8 of 8

Report Number: 13-150-0501 **Account Number: 70594**



A&L Eastern Laboratories 7621 Whitepine Road Richmond, Virginia 23237 (604) 743-8401 Fax (804) 271-6446

Send To: RECYC SYSTEMS INC

SUSAN TRUMBO 8455 WHITESHOP RD **CULPEPER VA 22701**

Grower:

Submitted By: J B CRENSHAW

Farm ID:

Date Received: 05/30/2013

Date Of Report: 06/03/2013

SOIL FERTILITY RECOMMENDATIONS

| Sample ID Field ID | Intended Crop | Yield Goal | Lime Tons/A | Nitrogen N Ib/A | Phosphate P ₂ O ₅ Ib/A | Potash K ₂ O lb/A | Magnesium Mg Ib/A | Sulfur S Ib/A | Zinc Zn Ib/A | Manganese Mn Ib/A | Iron Fe Ib/A | Copper Cu lb/A | Boron B Ib/A |
|-----------------------|------------------|------------|----------------|-----------------------|--|------------------------------------|-------------------------|---------------------|--------------------|-------------------------|--------------------|----------------------|--------------------|
| 16 | Adjust pH to 6.8 | 0 | 1.3 | | - | | 0 | | | | | | |
| 17 | Adjust pH to 6.8 | 0 | 2.0 | | | | 0 | | | | | | |

LEWIS/LUELL

LUNENBURG

Comments:

Sample(s): 17 Crop: Adjust pH to 6.8

Apply dolomitic lime to raise pH and improve the magnesium level.

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

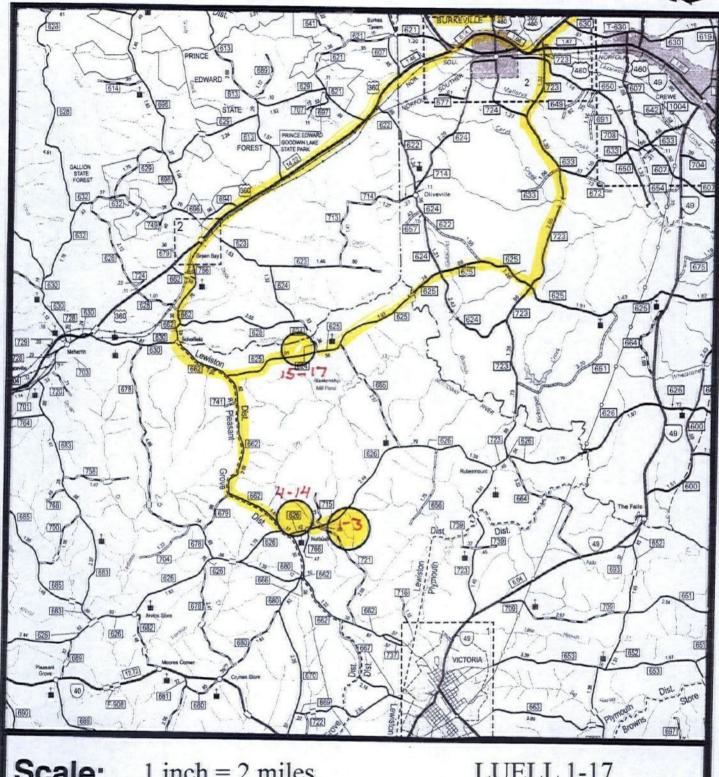
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Pauric Mc George

MAPS

(Biosolids Land Application)



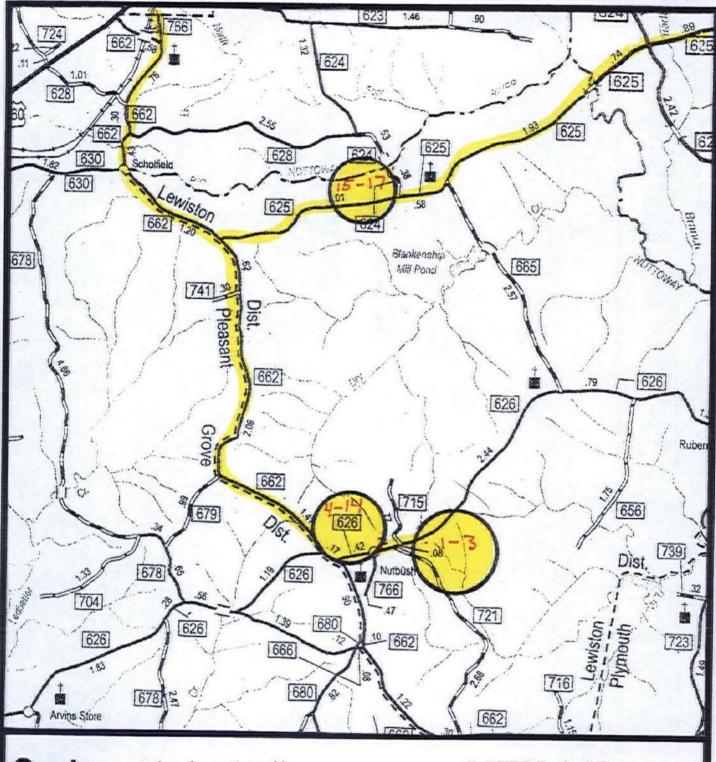


Scale:

1 inch = 2 miles

(Biosolids Land Application)



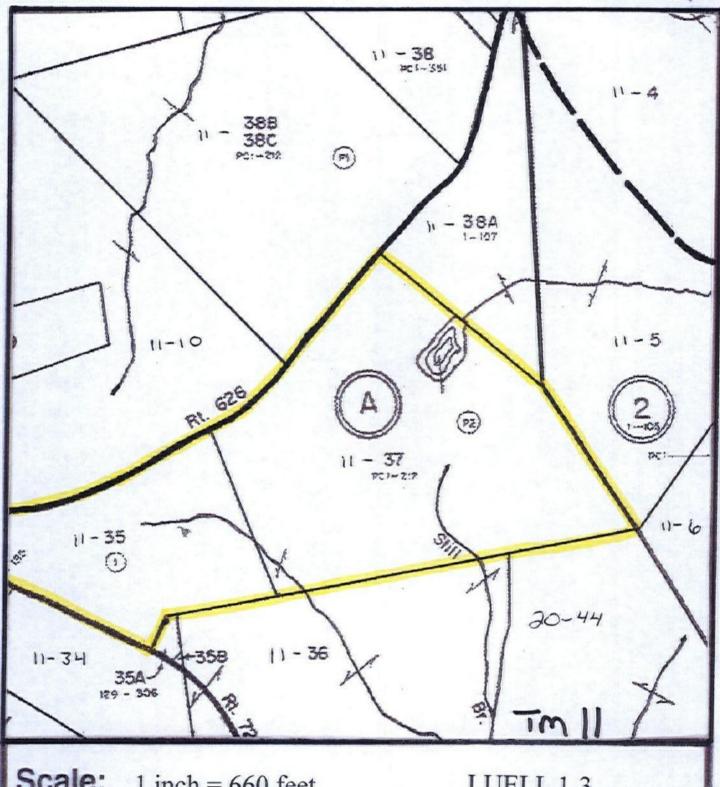


Scale:

1 inch = 1 mile

(Biosolids Land Application)

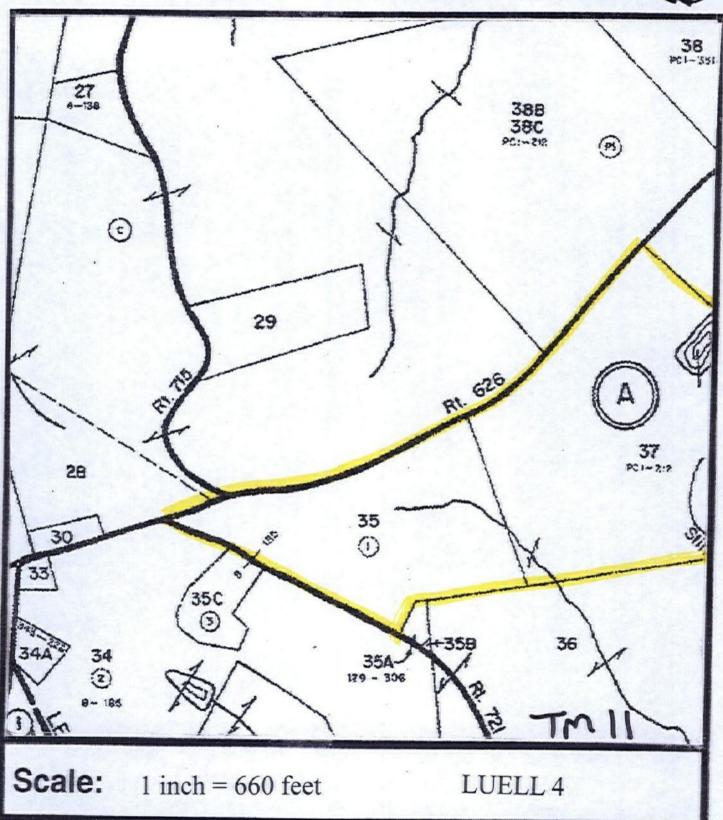




Scale: 1 inch = 660 feet

NC. (Biosolids Land Application)



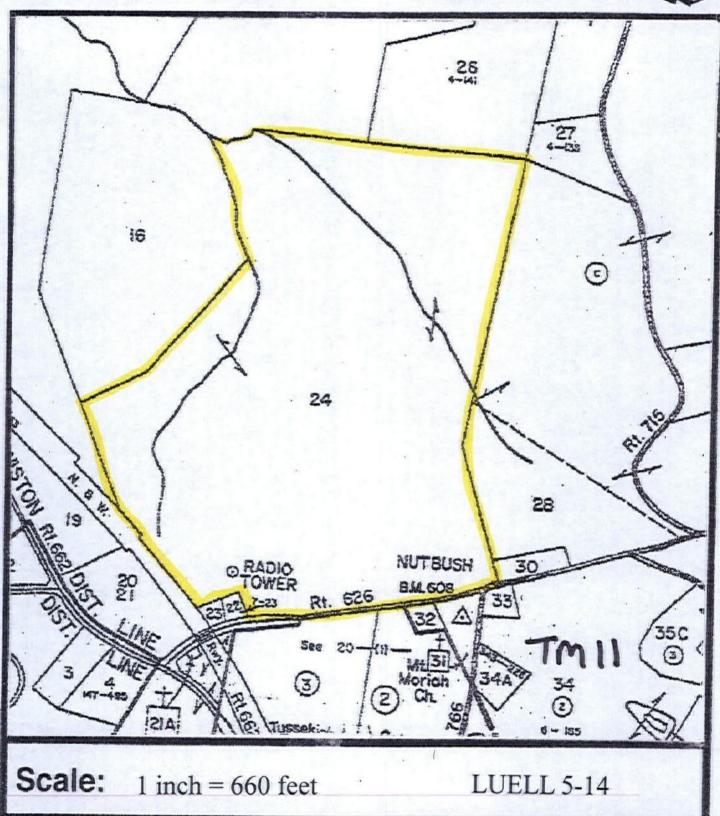


TAX MAP

NA

NC. (Biosolids Land Application)



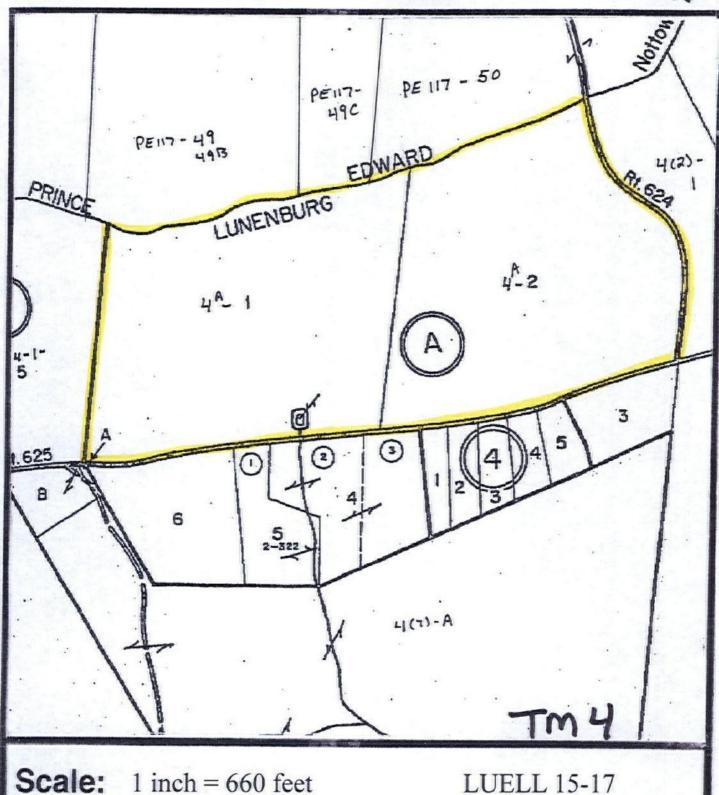


TAX MAP

N

(Biosolids Land Application)





ADJOINING LANDOWNERS

E L Lewis

LUNEMBURG COUNTY

| Tax Map | Parcel ## | Owner Name(s)) | | | | | |
|----------------|-----------|---|--|--|--|--|--|
| 4A | 3 | Wallter & Minicie B.B. aftertemon | | | | | |
| | 4 | J.Lamoont BBandd | | | | | |
| - | 5 | Stephen IL Kirkpettrick | | | | | |
| | 6 | James GGor de alebanta a Anne A Tihet for the thord | | | | | |
| | 8 | Walter & Muirie BBP: after temon | | | | | |
| 4(1) | 5 | Romeo J. & Adeledi Basidelede , | | | | | |
| 4(2) | 1 | Palbib Lopez | | | | | |
| 4(4) | 11 | Dennis or Jahace Hayer | | | | | |
| ! | 2 | Dennis or Jahand Hayer | | | | | |
| | 3 | Dollones Harteton | | | | | |
| | 4 | Dollones Hanton | | | | | |
| | 5 | Lanwreunce Soth | | | | | |
| 11 11 ((AA) | 110 | John Hancock Lifefehrurance | | | | | |
| | 113 | Communwealth Forese dilussistemes a | | | | | |
| : | 114 • | Communiveelth Forese Investitieness | | | | | |
| | 115 | Ellen H. Stephenson, et al al | | | | | |
| | 16 | Ellen H. Stephenson, etal al | | | | | |
| | 119 | James TTF Attetlehler to Paraitria: iA. Phrhlipsips | | | | | |
| | 20 | Carrol A. Cousins | | | | | |
| | 21 | Ed Hattcheet | | | | | |
| . == ' 7 7 " 7 | 22" | Southside Effective Substantiania | | | | | |
| | 23 | Tower Assets LLCLC | | | | | |
| | 25 | Irene ID. Shefffieldl, eteal als | | | | | |
| | 26 | Irene ID. Shefffieldl, etealals | | | | | |
| | 27 | Irene ID. Shefffiældi, etealals | | | | | |
| | 28 | Romald L.IDniggs | | | | | |
| | | | | | | | |

ADJOINING LANDOWNERS

E L Lewis

LUNEMBURG COUNTY

| Parcel # | Owner Name(s) |
|----------|---|
| 30 | Ronald L. Driggs |
| 31 | Mt. Mariah Church |
| 32 | Wayne T. or Louise P. Lewis |
| 33 | Willie Lee Perkins or Judith A. Damron |
| 34 | Kevin Smith |
| 35(A) | Rickey Harvey |
| 35 © | Jerry Smith |
| 36 | Gary Martin |
| 38(A) | Jessie Driggs |
| 38© | Janet Madden |
| 5 | Peter W. or Judy Brown |
| 2 | Billy S. Smith,Jr. |
| 3 | Billy S. Smith,Jr. |
| | |
| 49 | Brandon T. & Ashley Barton |
| | Brandon Barton & Stephanie S. Penick |
| | Bobby Dean Barton |
| | Timothy Wade Barton et al |
| | imodiy wado Barton ot di |
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| | 31 32 33 34 35(A) 35 © 36 38(A) 38© |

(Biosolids Land Application)

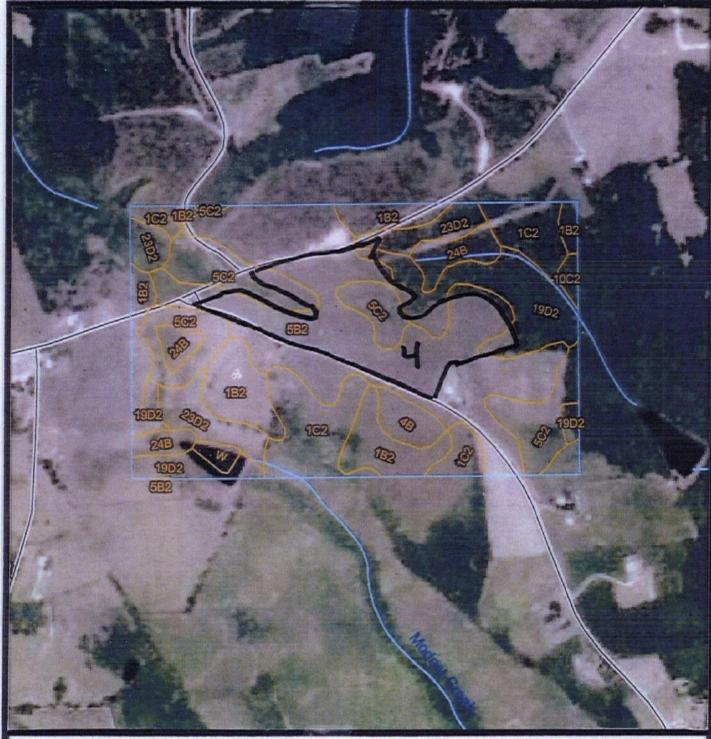




Scale: 1 inch = 660 feet

(Biosolids Land Application)





Scale: 1 inch = 660 feet

LUELL 4

(Biosolids Land Application)





Scale: 1 inch = 660 feet

LUELL 5-14

(Biosolids Land Application)





Scale: 1 inch = 660 feet

(Biosolids Land Application)





Scale: 1 inch = 660 feet

LUELL 1-3

AERIAL MAP



(Biosolids Land Application)





T 15 984B

Scale: 1 inch = 660 feet

LUELL 4

(Biosolids Land Application)





T TOWER 1

Scale: 1 inch = 660 feet

LUELL 5-14

(Biosolids Land Application)





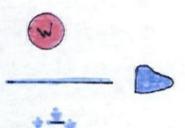
T# 1066

Scale: 1 inch = 660 feet

Legend for Site Plan



House and Well/Public Building



Well/Spring

Perennial Streams & Surface

Wet Spot



Trees and Woods

Private Drive

Rock/Rocky Area

Sinkhole

Severely Eroded Spot

State Road

Field Boundary

Fence

Property Line

Slope

Frequent Flooding

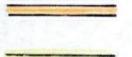
















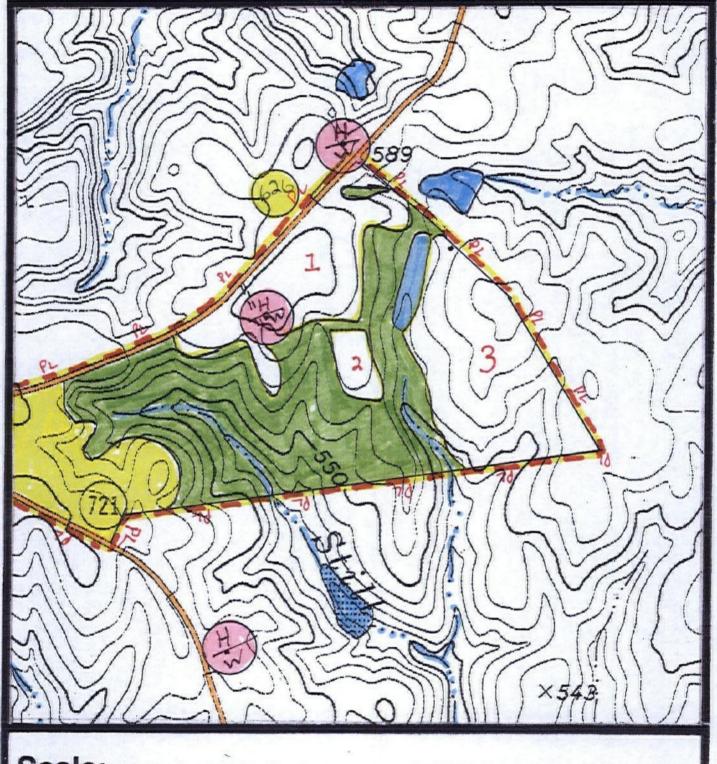




Recyc Systems Inc.

(Biosolids Land Application)





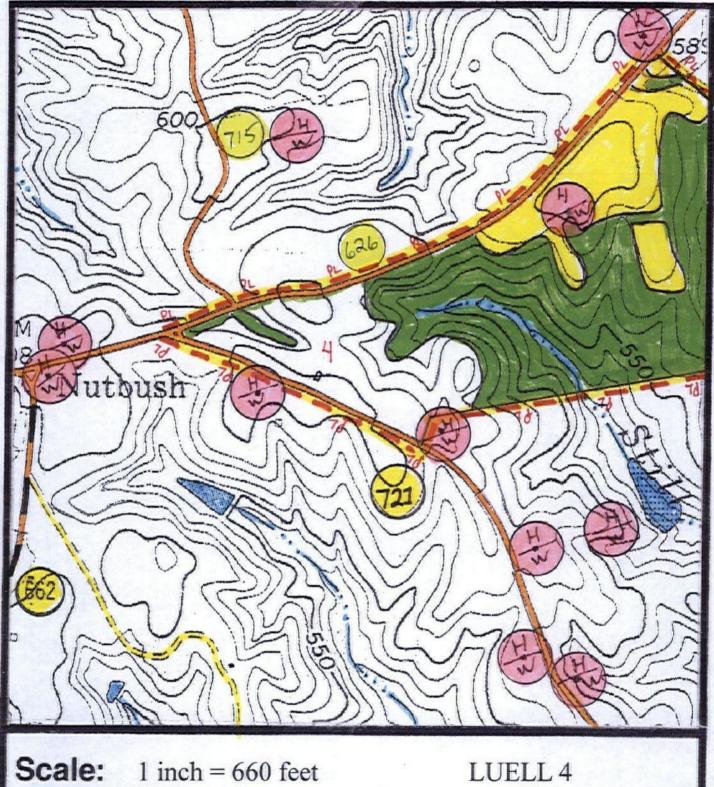
Scale: 1inch = 660 feet

LUELL 1-3

SITE PLAN

(Biosolids Land Application)



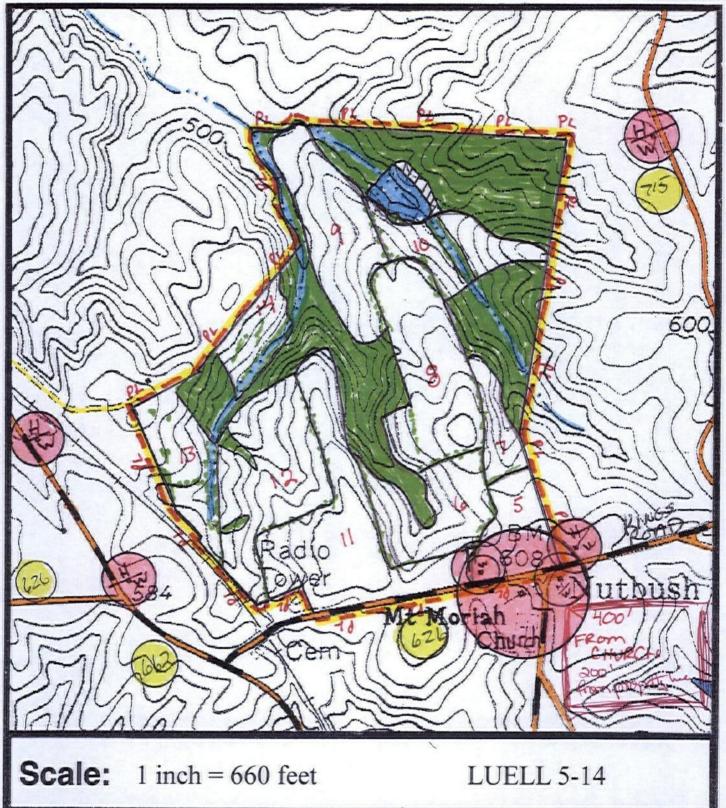


SITE PLAN

NA

(Biosolids Land Application)





SITE PLAN

NA

(Biosolids Land Application)





Scale: 1 inch = 660 feet

LUELL 15-17

SITE PLAN

(Biosolids Land Application)





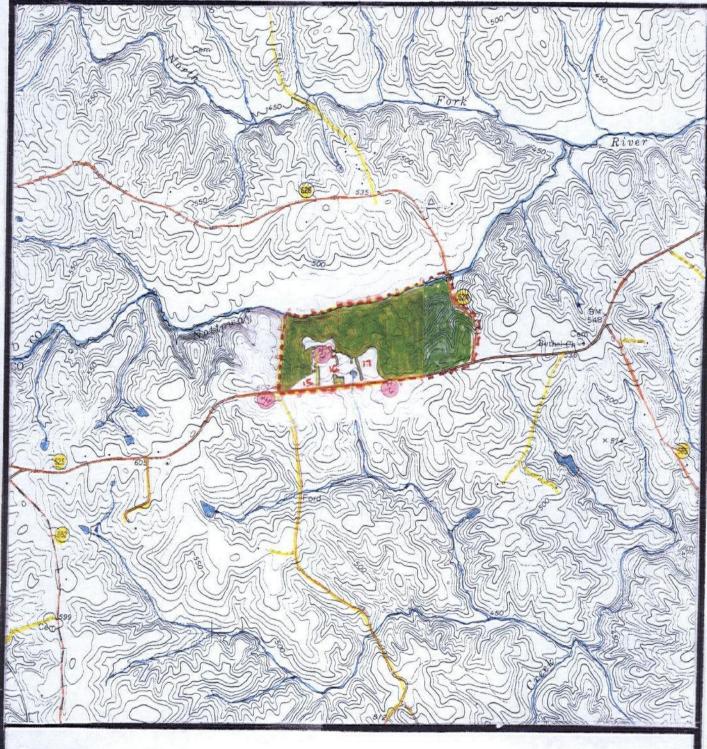
Scale:

1 inch = 2,000 feet

Recyc Systems Inc.

(Biosolids Land Application)





Scale: 1 inch = 2,000 feet